

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Chris Wathen, Kenvirons, Inc.  
Reviewed by: Ralph E. Gosney, DAQ

GENERAL INFORMATION:

Name:	Fome-Core, LLC
Address:	205 American Avenue, Glasgow, KY 42141
Date application received:	June 30, 2005
SIC/Source description:	3086
Source ID #:	21-009-0060
Source A.I. #:	77
Activity #:	APE20050002
Permit number:	V-05-064

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input checked="" type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☒ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

#### EMISSIONS SUMMARY:

Pollutant	2004 Actual (tpy)	Potential (tpy)
PM/PM <sub>10</sub>	26.27	46.8
SO <sub>2</sub>	0.01	0.04
NO <sub>x</sub>	2.25	7.4
CO	1.89	6.2
VOC	243	152*
Single HAP > 10 tpy	NA	NA
Total HAPs > 25 tpy	NA	NA

\*VOC potential decreased from 243 tpy in 2004 to 152 tpy with new permit. Refer to Statement of Basis for emission basis.

#### SOURCE PROCESS DESCRIPTION:

Fome-Cor Company is a laminated foam board products manufacturing facility operating a continuous process that converts a mixture of polystyrene crystals, a nucleating agent, and a blowing agent into an extruded foam sheet. Specifically Fome-Cor produces laminated extruded foam board (paper-backed polystyrene) product (SIC 3086) from a production process consisting of generally three areas: (1) product grinding, mixing (plasticator), extrusion, and lamination; (2) product trimming and recycling; and (3) warehouse storage and packaging.

#### EMISSION AND OPERATING CAPS DESCRIPTION:

N/A

#### OPERATIONAL FLEXIBILITY:

N/A